

Use of Creatine Analogues and Creatine Kinase Modulators for the Prevention and Treatment of Obesity and Its Related Disorders

Abstract of the Disclosure

The present invention relates to the use of creatine compounds for treating or preventing a metabolic disorder related to body weight control such as obesity, and it's associated diseases in a patient experiencing said disorder. The creatine compounds which can be used in the present method include (1) analogues of creatine which can act as substrates or substrate analogues for the enzyme creatine kinase; (2) compounds which can act as inhibitors of creatine kinase; (3) compounds which can modulate the creatine transporter (4) N-phosphocreatine analogues bearing transferable or non-transferable moieties which mimic the N-phosphoryl group. (5) compounds which modify the association of creatine kinase with other cellular components.

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